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Author(s): Holtkamp, David Michael
Van Vlack, Hannah

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Fire on the Mountain

History, Archaeology, and Wildfire in the Jemez Region



David Holtkamp and
Hannah Van Vlack



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Humans and Wildfire



Cultures of the Southwest



Native Americans
(Pueblo, Navajo, Ute,
Apache, and many others)

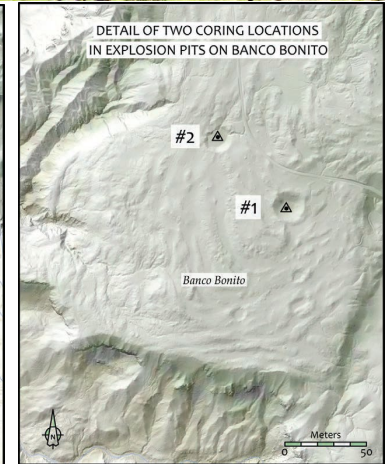
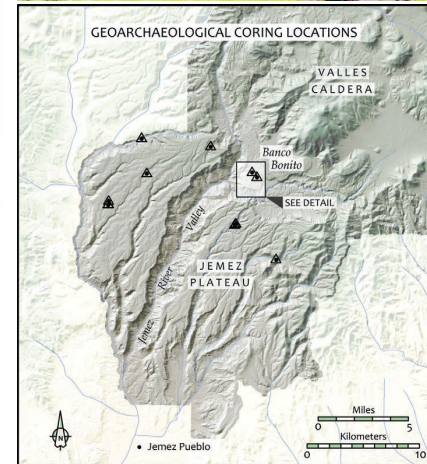
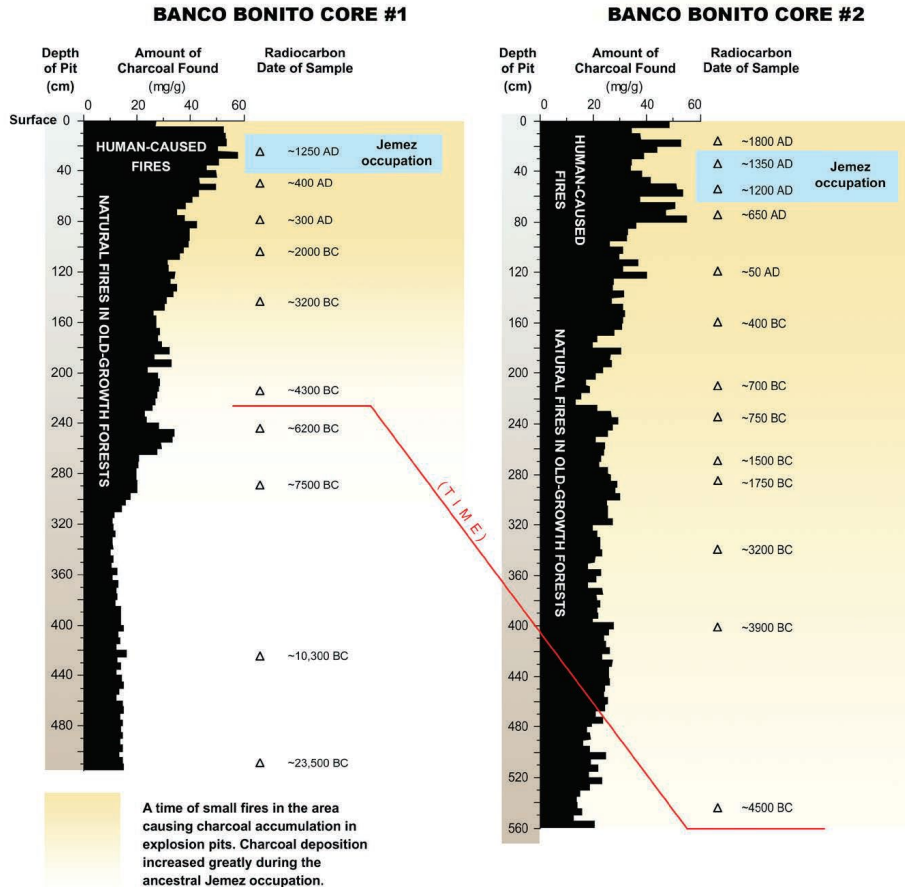


Spanish and Mexican
Settlers



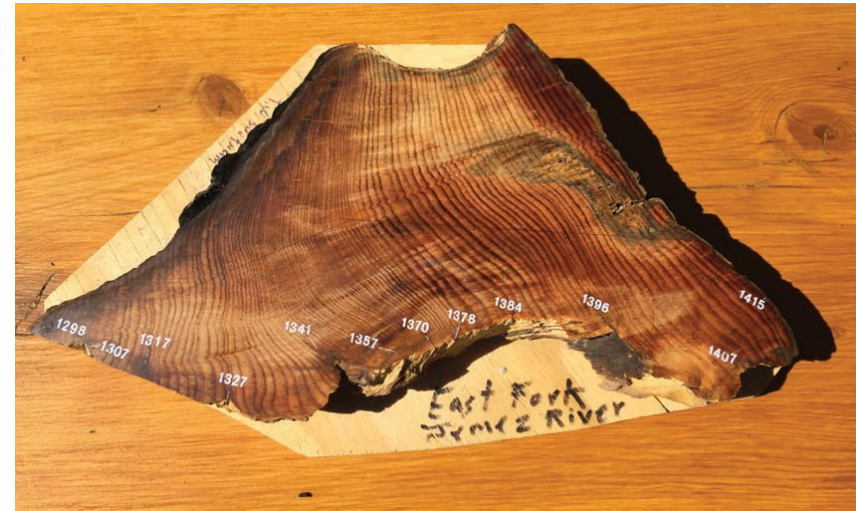
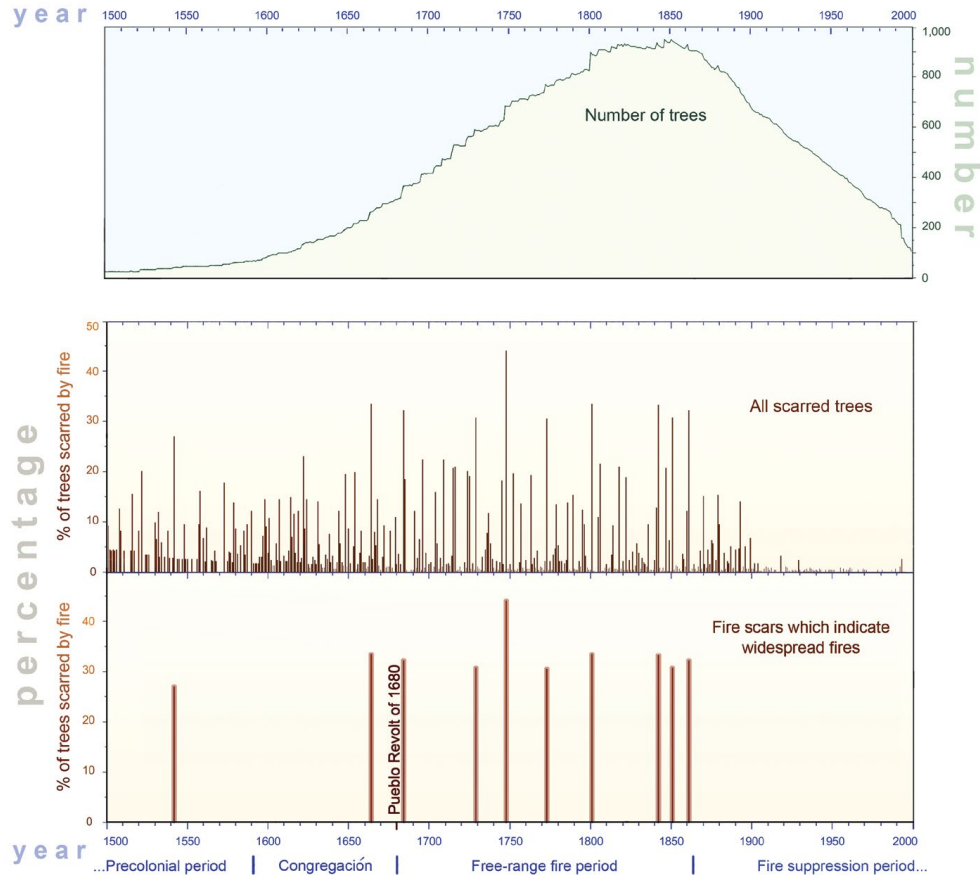
Anglo- American Settlers

Ancestral Pueblo Peoples and Wildfire



C. Roos, 2016. The Long-Term Context for Human-Fire Relationships on the Jemez Plateau.

Historic Populations and Wildfire



T. Swetnam, 2016. Tree-Ring Records of Forests, People, and Fire in the Jemez Mountains.

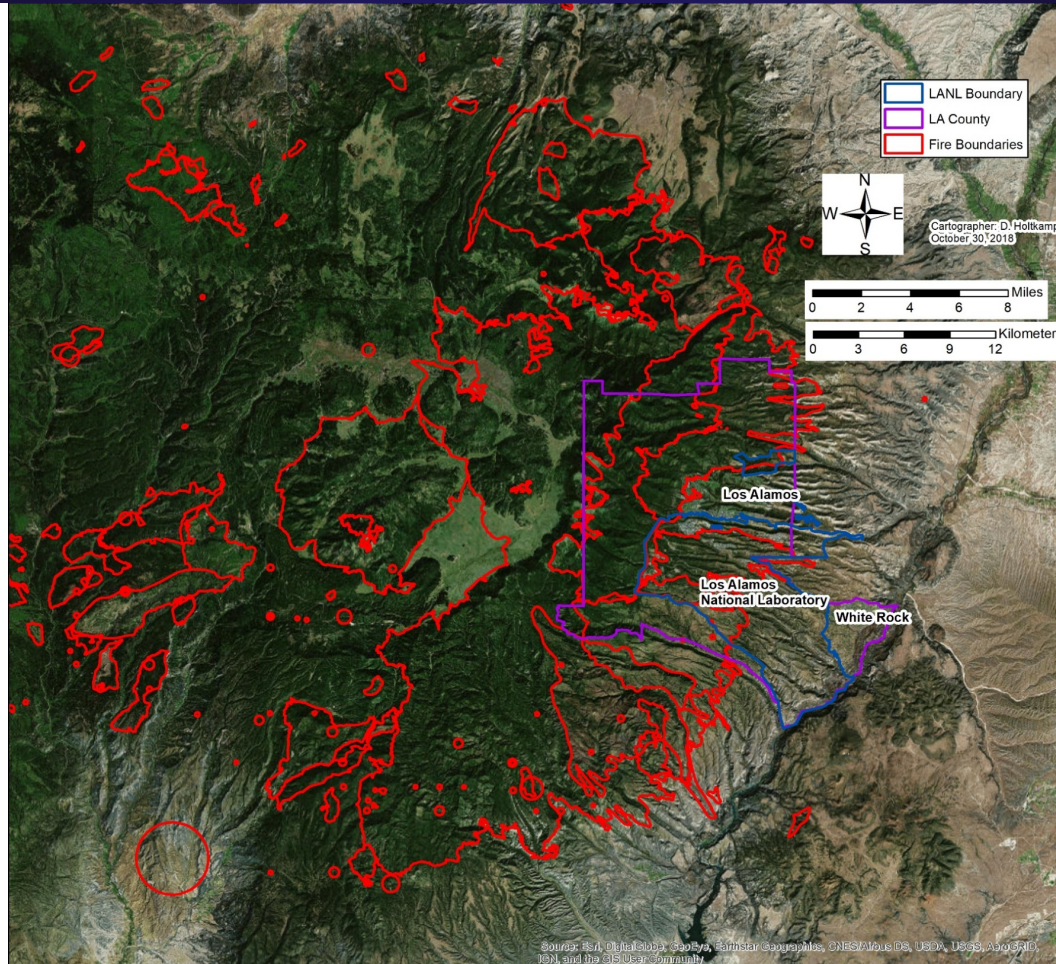
Wildfire Prevention Efforts in the Early 20th Century



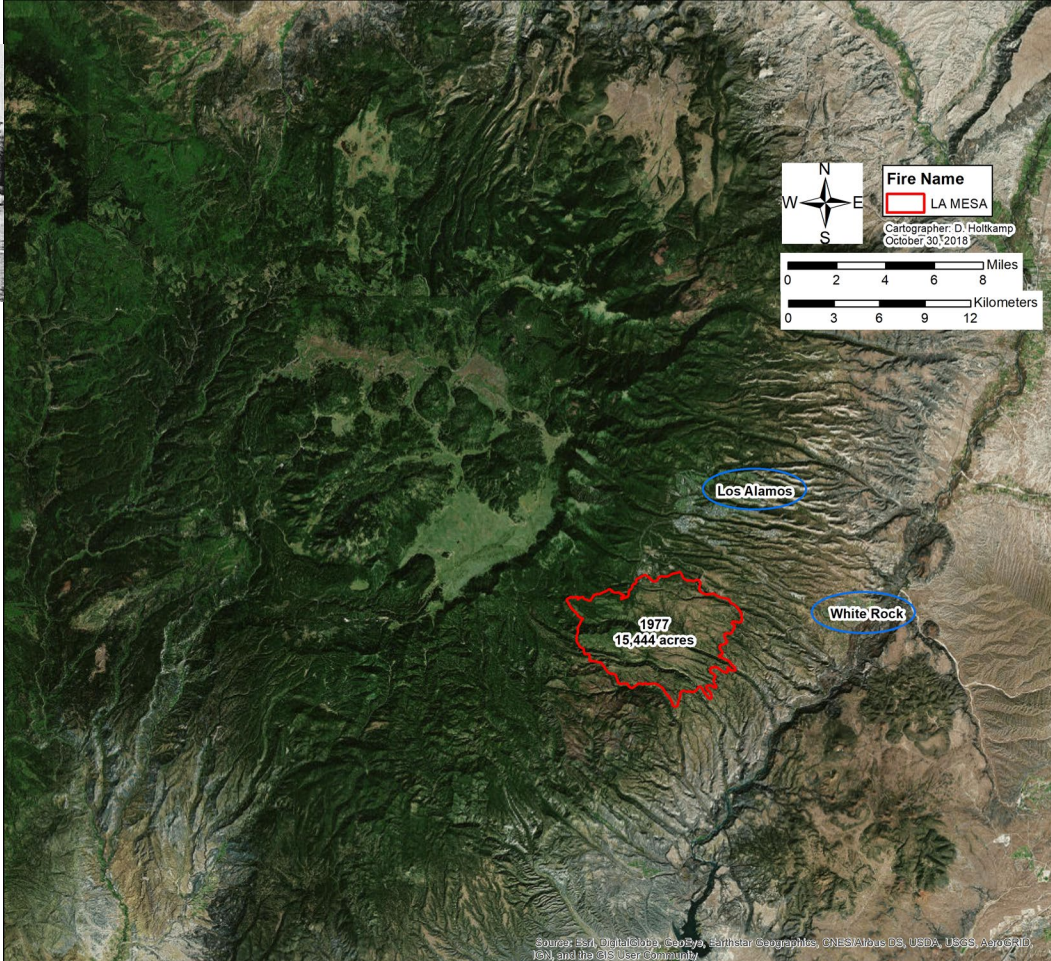
Smokey the Bear and World War II



Wildfires in the Jemez Mountains

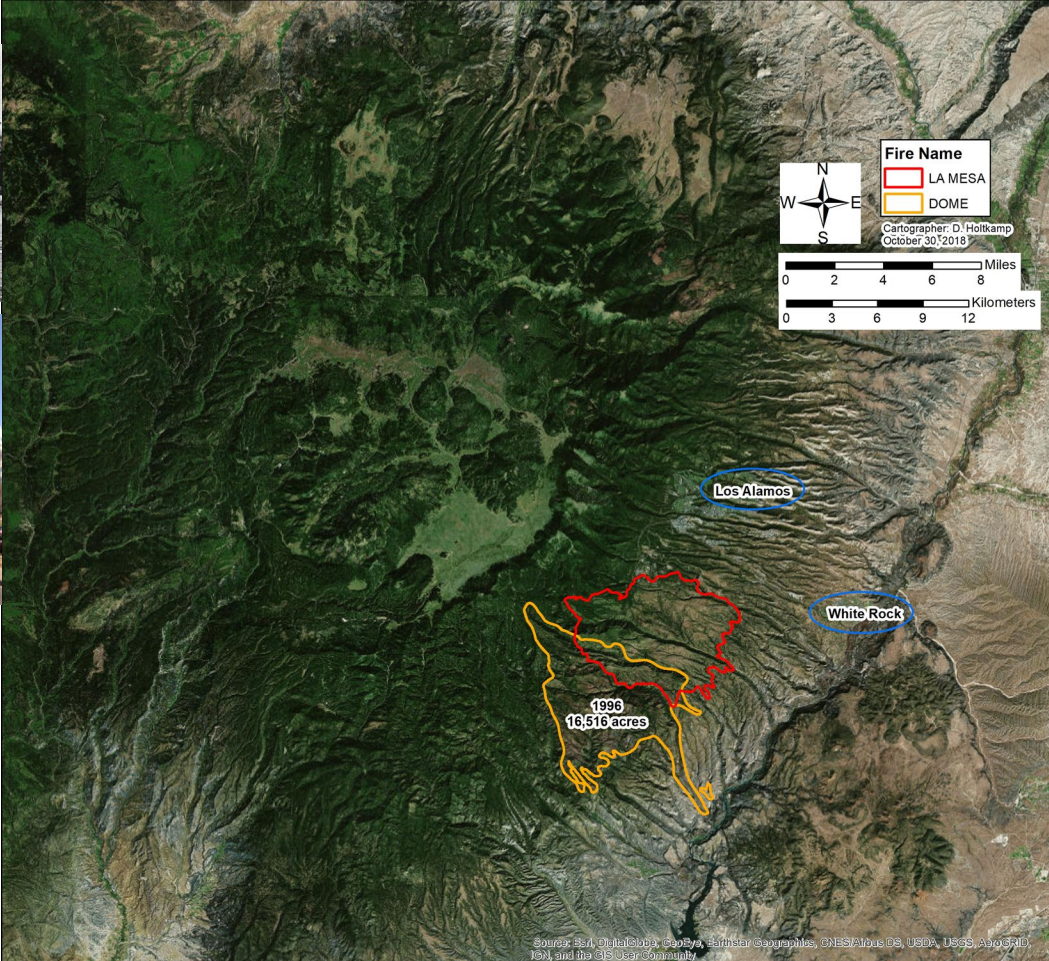


Wildfires in the Jemez Mountains

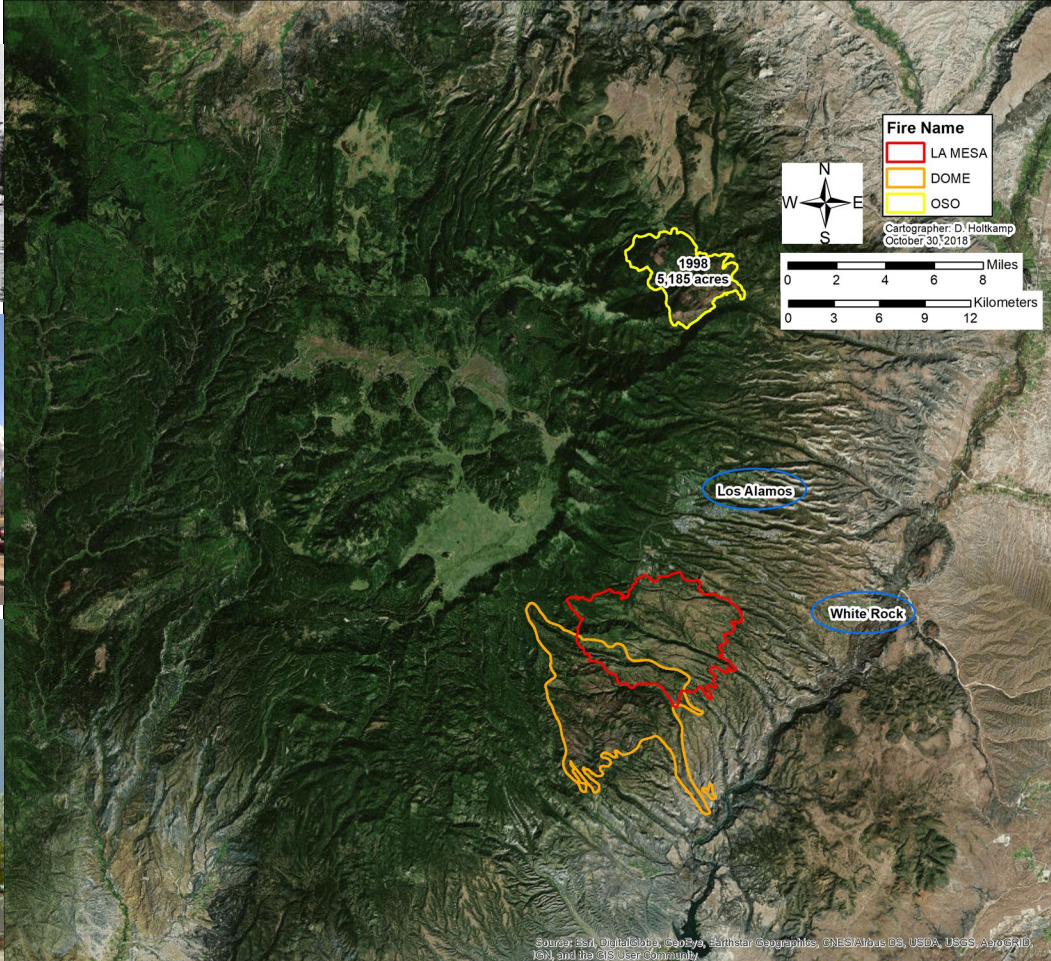


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Wildfires in the Jemez Mountains

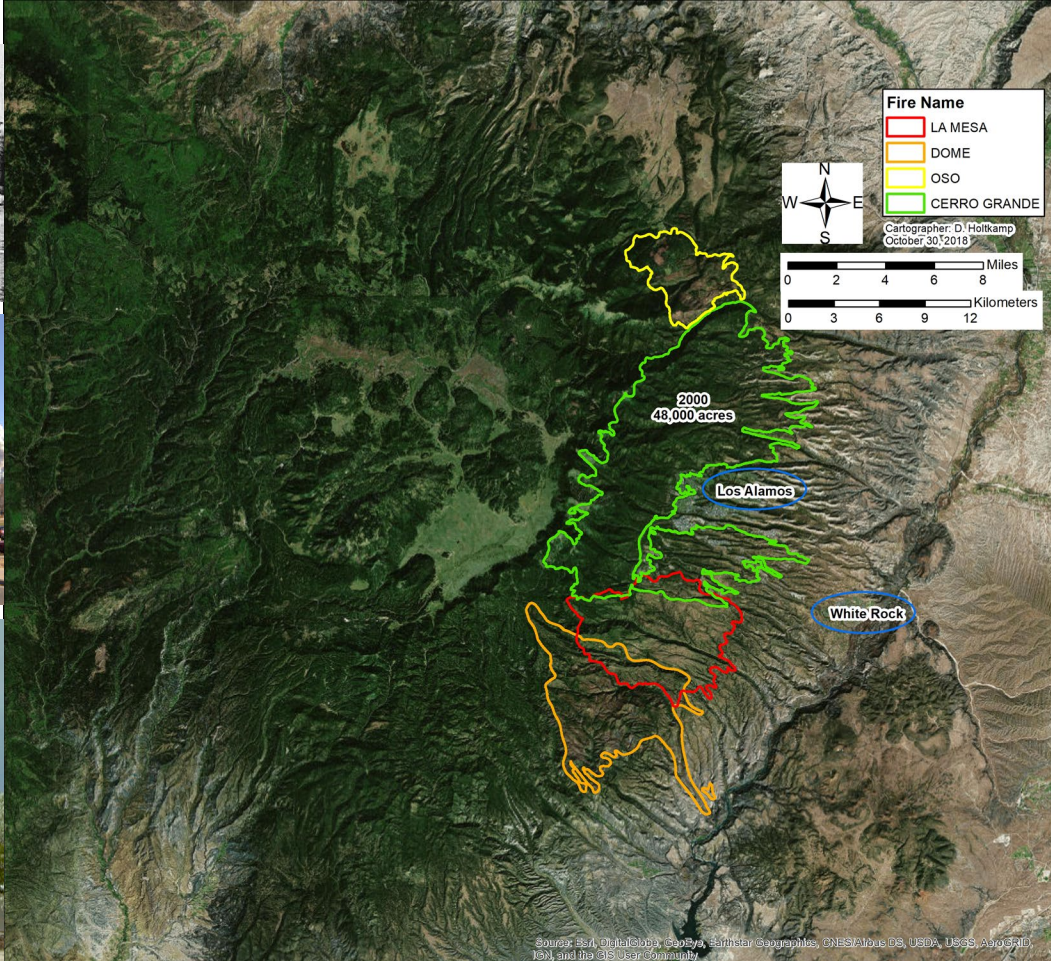


Wildfires in the Jemez Mountains

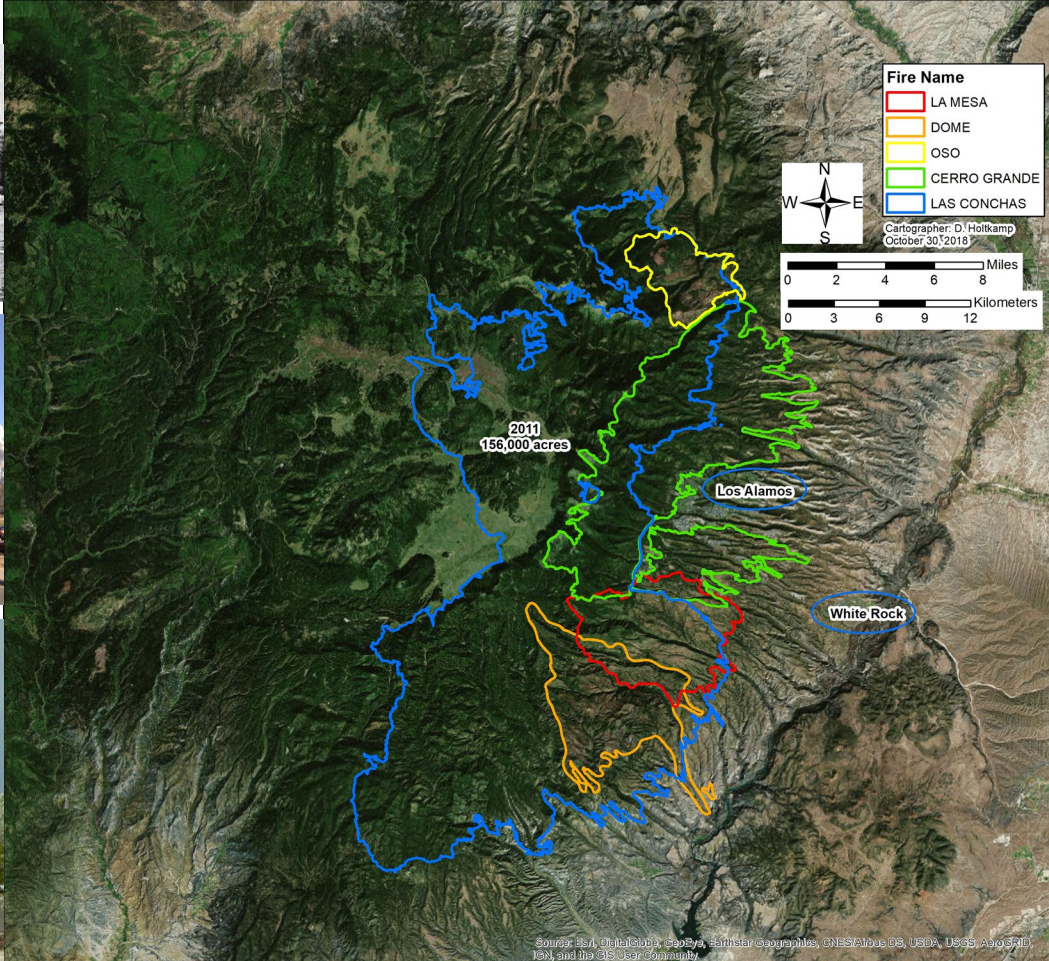


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

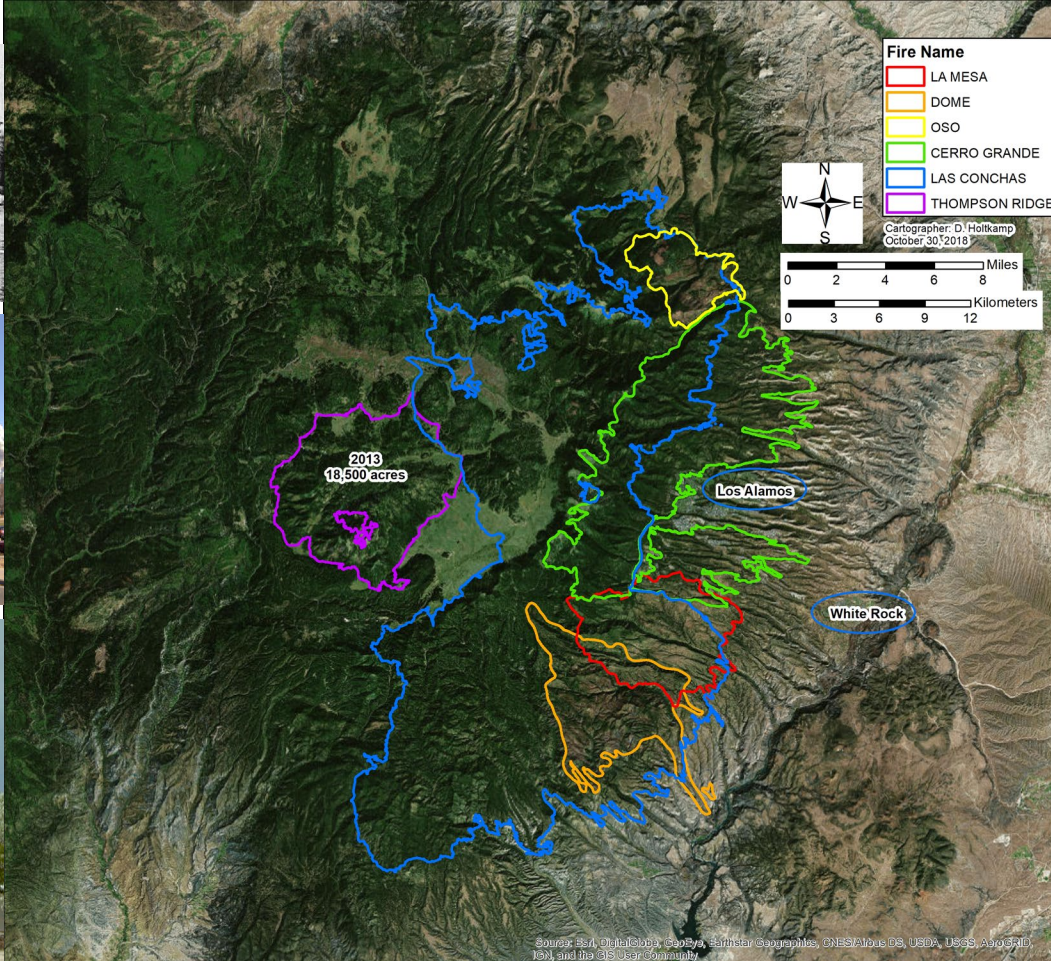
Wildfires in the Jemez Mountains



Wildfires in the Jemez Mountains



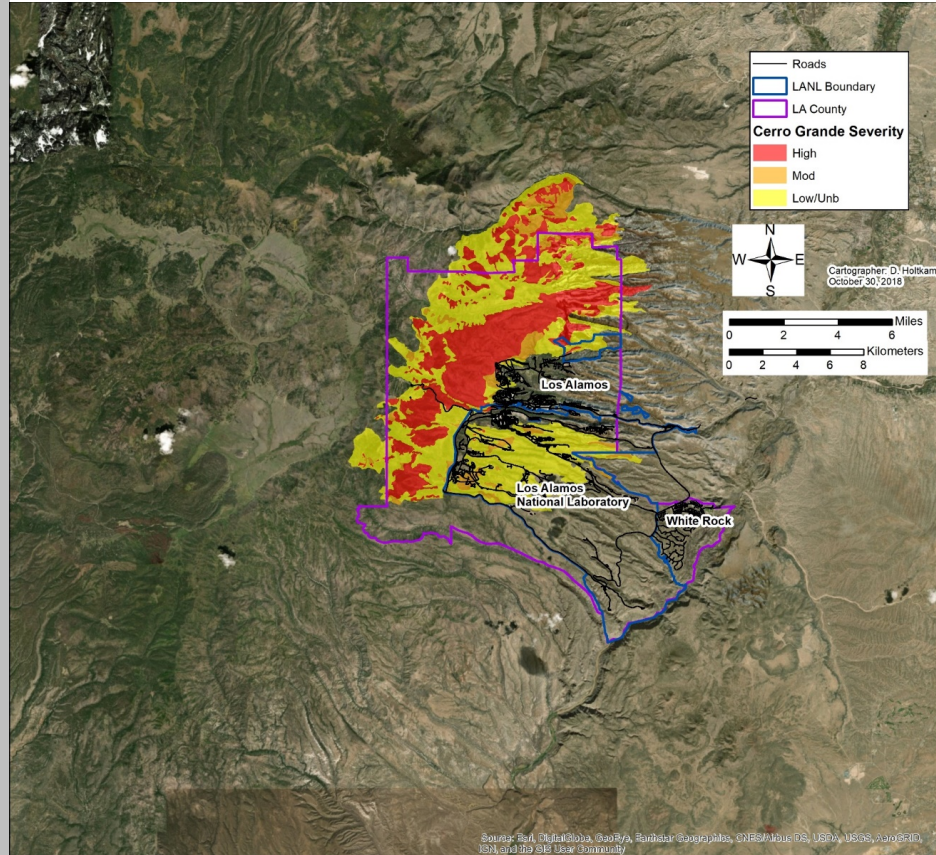
Wildfires in the Jemez Mountains



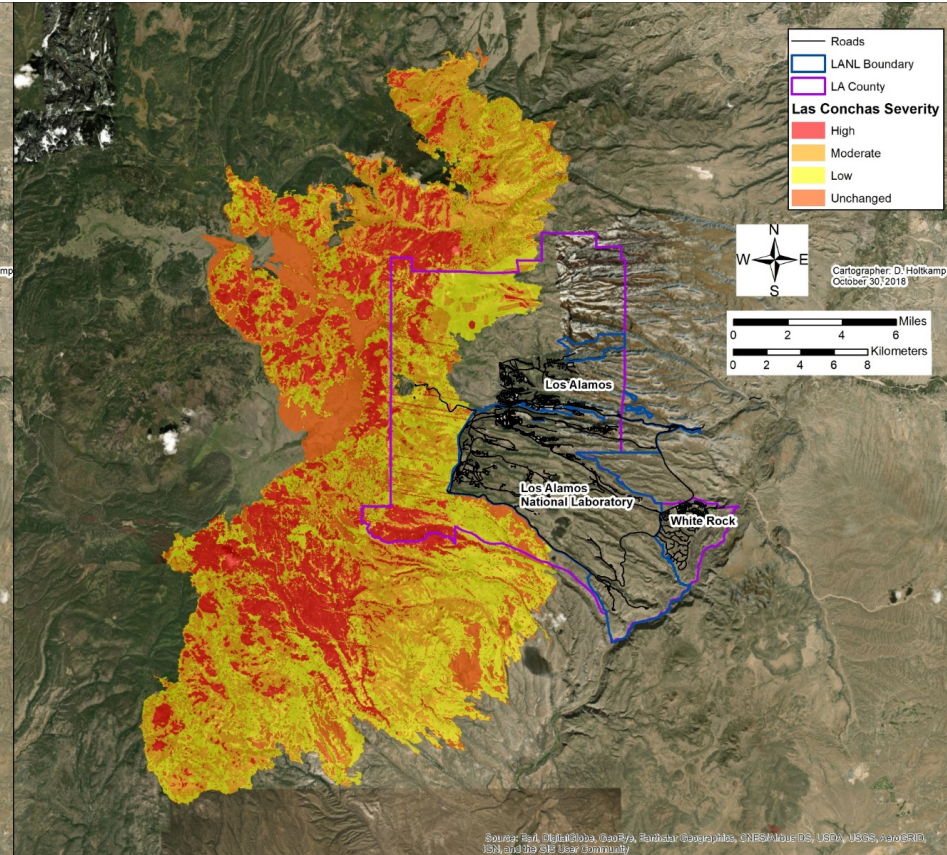
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Wildfires in the Jemez Mountains

Cerro Grande 2000



Las Conchas 2011



Burn Areas After Cerro Grande



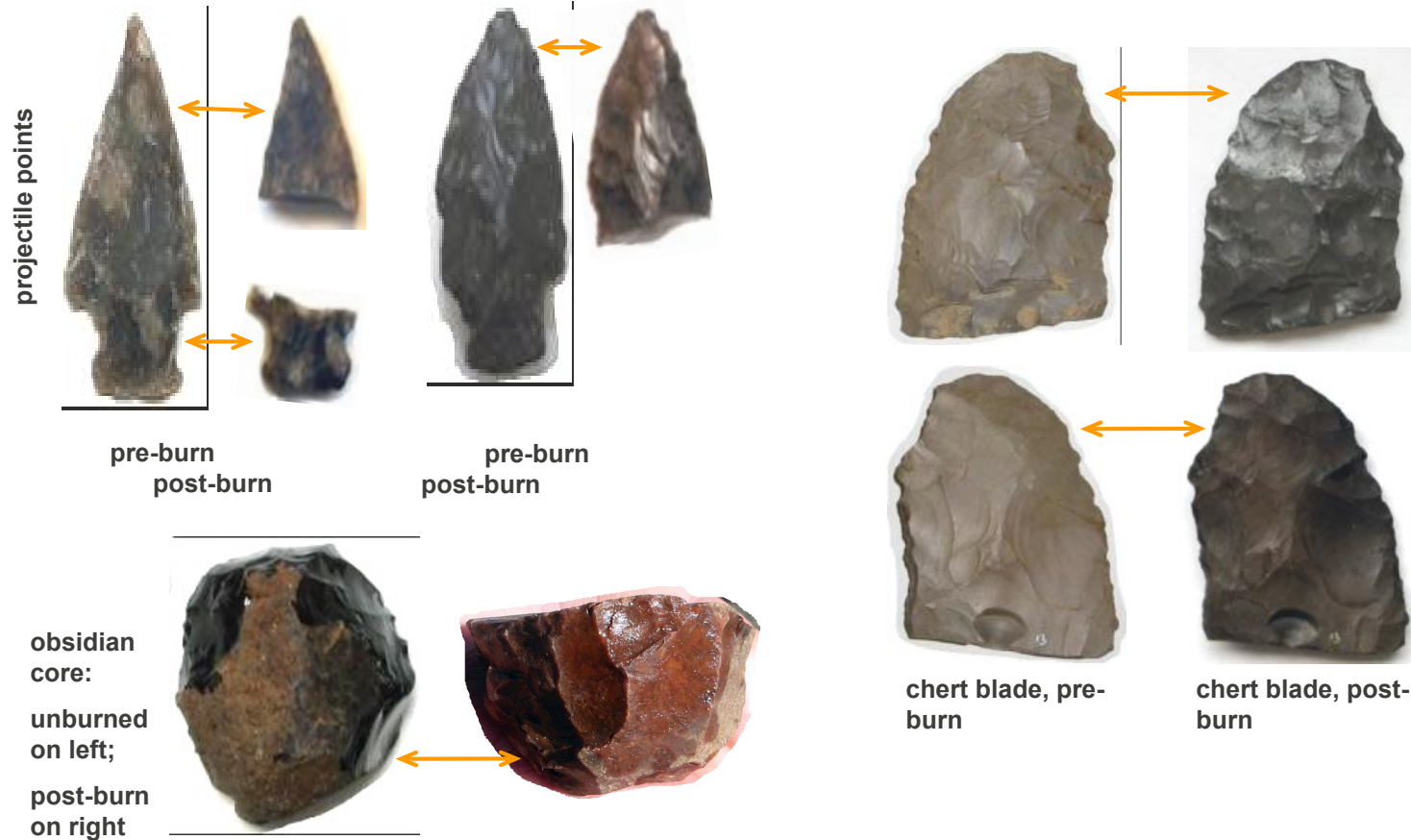
Vegetation Growth After Almost Two Decades



Fire and Archaeology: Resource Advisors (READs)



Fire and Archaeology: Resource Advisors (READs)



Fire and Archaeology: Resource Advisors (READs)



Fire and Archaeology: Resource Advisors (READs)

Fire and Archaeology: Working together to
protect cultural resources during wildfire
and prescribed fire (Coconino NF)

https://www.youtube.com/watch?v=qgrxzA_xcNU